

Comparisons of Job Characteristics

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Air Traffic Controllers (53-2021)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 63

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)
Associated Occupation: Air Traffic Controllers (53-2021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	20.1	15.9	<< Extensive education and/or training may be required
Public Safety and Security	6.9	11.1	12.0	0 Current knowledge level may be sufficient
Geography	3.9	11.0	6.6	<< Extensive education and/or training may be required
Telecommunications	3.9	8.4	4.6	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)
Associated Occupation: Air Traffic Controllers (53-2021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Complex Problem Solving	9.1	15.7	11.2	<< Extensive development of skills in this area may be required
Active Listening	11.0	15.6	12.4	<< Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	15.6	11.2	<< Extensive development of skills in this area may be required
Monitoring	9.9	15.4	11.5	<< Extensive development of skills in this area may be required
Critical Thinking	10.8	14.3	11.9	< A higher skill level may be required

Coordination	9.1	12.6	11.5	0	Current skill level may be sufficient
Active Learning	8.7	12.5	8.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)					
Associated Occupation: Air Traffic Controllers (53-2021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Time Sharing	6.6	17.8	7.2	<<	Extensive improvement in abilities may be required
Problem Sensitivity	11.1	17.1	12.0	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	17.0	7.6	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	16.2	7.9	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	15.9	11.2	<<	Extensive improvement in abilities may be required
Speed of Closure	5.9	15.6	6.4	<<	Extensive improvement in abilities may be required
Speech Recognition	9.9	15.4	10.1	<<	Extensive improvement in abilities may be required
Far Vision	7.8	14.5	7.2	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	14.2	7.4	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	12.3	6.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 56	
Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)			
Associated Occupation: Air Traffic Controllers (53-2021)			
Work Activities			Exclusivity of Activity
Maintain records, reports, or files			5
Perform safety inspections in transportation setting			62
Read maps			42
Use two-way radio or mobile phone			42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 23

Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

Associated Occupation: Air Traffic Controllers (53-2021)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Personal communication devices	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.